

Micronet Communications, Inc.

720 F Avenue, Suite 100
Plano, Texas 75074
972-422-7200

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: M1533412
Licensee: TELALASKA INC

5.93 GHz

Page 1

Pursuant to Parts 25.203 and 101.103(d) of the FCC Rules and Regulations, a frequency coordination study was conducted by Micronet Communications, Inc. for the following proposed earth station:

Teller, AK

The results of the study indicate that no unacceptable interference will result with existing, proposed or prior coordinated radio facilities.

Coordination was performed with existing, proposed and prior coordinated carriers within coordination range on the following dates:

12/15/2015 Original PCN

There were no unresolved interference objections.

The attached coordination data was forwarded on the latest date to the following parties within coordination range or their authorized coordination agents:

COMSEARCH INC
UNICOM INC

Respectfully Submitted,



Jeremy Lewis
Systems Engineer

Attached: 1 data sheet

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TECHNICAL CHARACTERISTICS OF TRANSMIT RECEIVE EARTH STATION

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Company:	TELALASKA INC		
Site Name, State:	Teller, AK		
Call Sign:			
Latitude	(NAD83)	65 15	35.9 N
Longitude	(NAD83)	166 21	30.7 W
Elevation AMSL	(ft/m)	12.00	3.66
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)	5925-6425	
Range of Satellite Orbital Long.	(deg W)	103.00	139.00
Range of Azimuths from North	(deg)	114.50	150.33
Antenna Centerline	(ft/m)	14.76	4.50
Antenna Elevation Angles	(deg)	2.14	13.38

Equipment Parameters	Receive	Transmit
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Antenna Gain, Main Beam	(dbI)	43.60	46.70
15 DB Half Beamwidth	(deg)	2.30	1.60

Antennas	Receive:	SUPERIOR SATELLITE ENGINEERS	4.5M
	Transmit:	SUPERIOR SATELLITE ENGINEERS	4.5M

Max Transmitter Power	(dbW/4KHz)		-13.00
Max EIRP Main Beam	(dbW/4KHz)		33.70
Modulation / Emission Designator	DIGITAL	4M50G7D 2M30G7D	
		20K0G7D	

Coordination Parameters	Receive	Transmit
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Max Greater Circle Distances	(km)	478.23	247.75
Max Rain Scatter Distances	(km)	376.42	100.00
Max Interference Power Long Term	(dbW)	-140.60	-151.80
Max Interference Power Short Term	(dbW)	-118.40	-130.80
Rain Zone / Radio Zone		3	A